

**COASTAL IMPACT ASSISTANCE PROGRAM (CIAP)
PROJECT NOMINEE FACT SHEET**

1). Project Title:

Dedicated Delivery of Sediments via Pipeline to Terrebonne Parish

2). Entity/Individual Nominating Project:

Terrebonne Parish Consolidated Government

3). Contact Information:

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4). Total State CIAP Funds Requested:

Total CIAP Funds Requested: Unknown at this time. At least three other Parishes and the Barataria-Terrebonne National Estuary Program are expected to present project proposals for this concept for CIAP consideration. Preliminary Cost Estimates for this type of project are available from the "Third Delta and Alternatives" Study. This report estimated that \$161 million would be required to deliver sediments from the Mississippi River in Plaquemines Parish to the Eastern edge of Lake Boudreaux.

5). Infrastructure Funds Proposed:

There are \$0 infrastructure funds proposed for this project.

6). Description and Location of Project:

The proposed project area would begin in Plaquemines Parish, and would establish a series of approximately 55 miles of pipelines with booster pumps and outlets for sediment slurry distribution. Pipelines would be established in locations to enhance existing and planned levee systems. Development of 10,000 acres of marsh, wetlands and ridges is envisioned. Fresh water from adjacent sources would be used to help distribute sediments and sustain the newly created marsh.

7). Project Type: 1 & 4

This project will be implemented for the conservation, restoration and protection of coastal areas including wetlands and the implementation of a federally approved marine, coastal or comprehensive conservation management plan. Specifically, Action Plans EM-2 (Freshwater and

Sediment Diversions), EM-4 (Beneficial Use of Dredged and Non-Indigenous Material) and EM-7 (Marsh Management) of the Barataria-Terrebonne National Estuary Program (BTNEP).

8). Project Justification:

The marshes located in the project area have been hydrologically isolated from historical flow patterns by construction of various navigation channels, including the Houma Navigation Canal and by the closure of Bayou Terrebonne from Bayou Lafourche. As a result of these interruptions in the natural deltaic process, Terrebonne Parish has been deprived of the sediments, which at one time replenished the soils washed away by natural and human processes. As a result, Terrebonne Parish continues to experience one of the higher average annual land loss rates in Louisiana, an average of 10 square miles per year.

Preliminary Project Benefits

Approximately 10,000 acres of marsh could be created by utilizing this concept.

Preliminary Estimated Construction Costs:

\$161,000,000.00

Coast 2050 Strategy:

This project meets the Coast 2050 Region 3 Strategy of restoring and sustaining marshes and the coastwide strategy of beneficial use of dredged material. In addition, the project also meets the restoration goals identified by the Strategic Plan for Coastal Restoration adopted by the Terrebonne Parish Coastal Zone Management and Restoration Advisory Committee and supported by the Terrebonne Parish Council, and the goals and objectives of the specified action plans of the BTNEP. No engineering or design funds have been spent on this project.

9). Project Cost Share:

The project cost share is unknown at this time. Plaquemines, Jefferson and Lafourche Parishes are also developing proposals. Cost shares between Parishes and the State are possible.